



Technical Data Sheet

ACS Material Gamma-Aluminum Oxide Powder

Table of Contents

1 – Preparation Method

2 – Characterizations

3 – Application Fields

Contact Information:

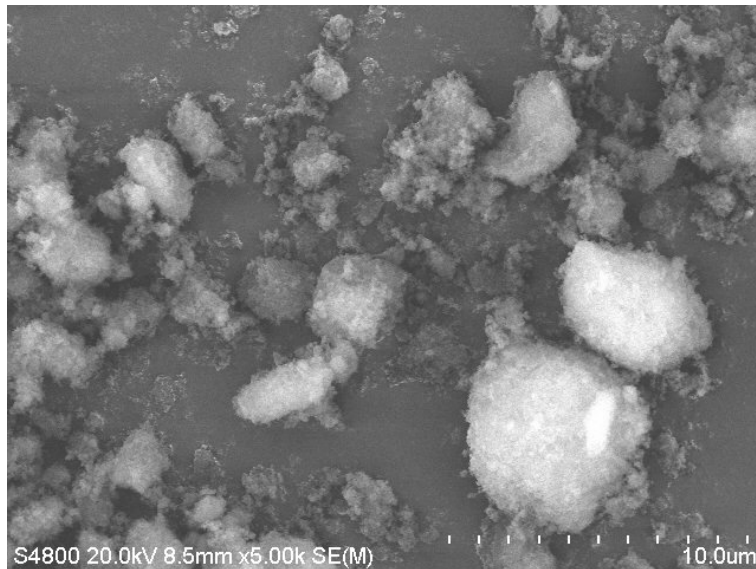
Manufacturer: ACS Material, LLC.
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Revision: 070217

1. Preparation Method

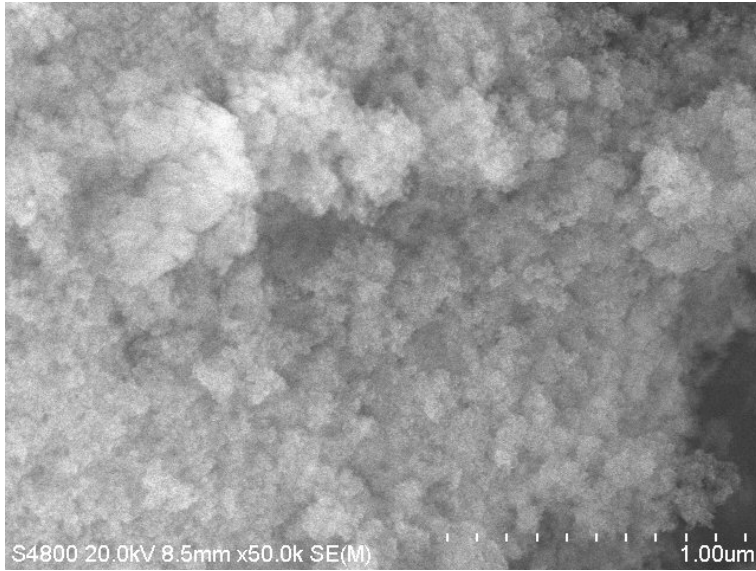
Liquid Phase Method

2. Characterizations

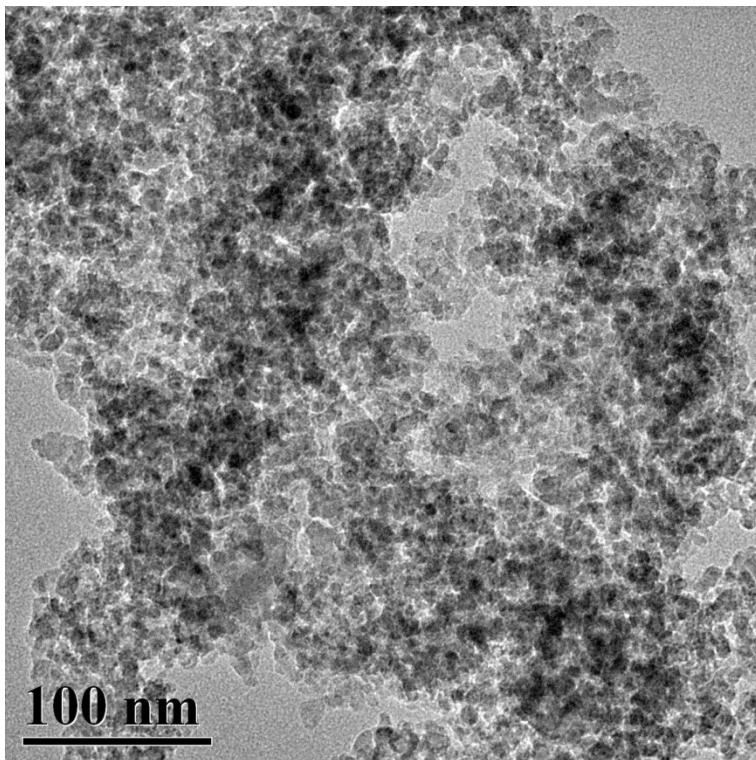
Appearance:	White Powder
Composition:	γ -Al ₂ O ₃
Particle Size:	8-12 nm
Purity:	> 99%
Property:	Hydrophilic



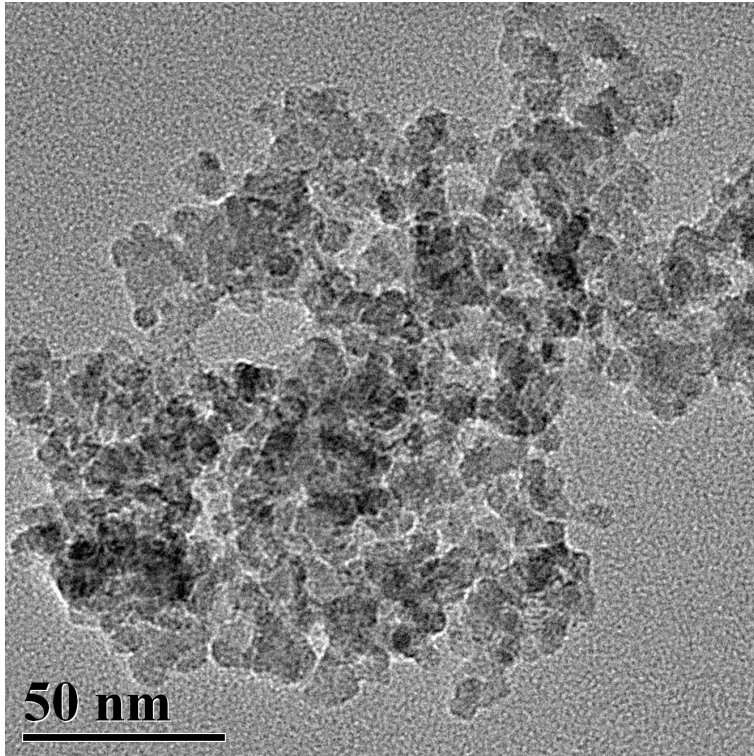
Typical SEM Image of ACS Material γ -Al₂O₃ (1)



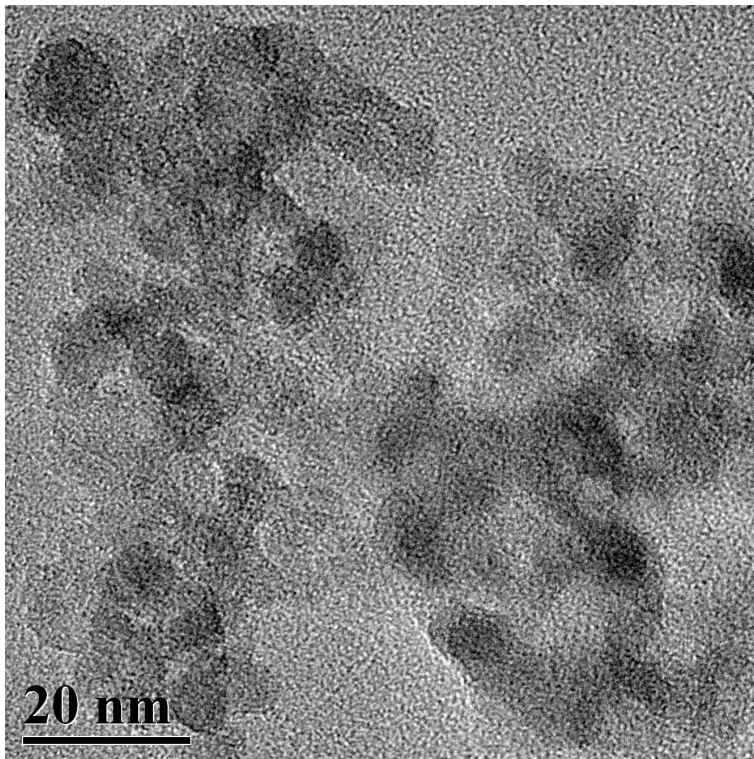
Typical SEM Image of ACS Material γ -Al₂O₃ (2)



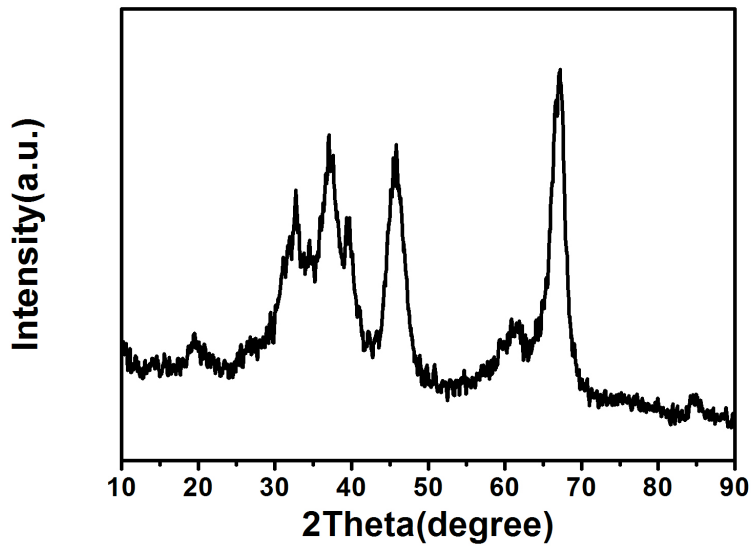
Typical TEM Image of ACS Material γ -Al₂O₃ (1)



Typical TEM Image of ACS Material γ -Al₂O₃ (2)



Typical TEM Image of ACS Material γ -Al₂O₃ (3)



Typical XRD Analysis of ACS Material γ -Al₂O₃

3. Application Fields

- 1) Ceramics
- 2) Composites
- 3) Chemical resistant materials
- 4) Catalysts
- 5) Semiconductor materials

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